

AGRICULTURAL.

MALCOLM JOHNSTON, EDITOR.

ATLANTA, GA., JUNE 20, 1877.

Communications relating to the Agricultural Department should be addressed to the Agricultural Editor, Atlanta, Ga.

Correspondents must always give their full name, and, in every case, the name of the farm or plantation, and the name of the county, and the name of the State.

DIFFERENCE IN MORNING'S AND NIGHT'S MILK.

It has for a long time been believed by many that there was a difference in the richness of milk taken from the cow at different times of the day—some asserting that the morning's milk was richer, while others have contended that the milk received at evening produced more butter. Experiments conducted with a view to test the question, chemical analyses of the milk being carefully made, established the fact, that the comparative richness of a cow's milk, depended upon the time it had remained in her bag—that is, the shorter the space between the times of milking the richer the milk—the feed of course being exactly the same in both instances. Investigations made at the Ridge Cream dairy in New York state, revealed the truth that when the days and nights were of equal length, there was no perceptible difference in the richness of the milk, but when the nights were longer the evening's milk was richer, and when the days were longer the morning's milk was richer.

A NEW REMEDY TO GARDENERS.

Editor Agricultural Department: We have a dark speckled bug here that is literally eating up all our "garden sassa." They have about got through with white and brown mustard, for which they seem to have a special relish and are now attacking cabbage plants, snap beans, etc. Will you be kind enough to suggest a remedy for the pest, if you know one. I have seen carbolic acid suggested, but can't remember how it was to be used; also kerosene oil. Please let your readers hear from you on the subject as early as possible and much obliged.

GAINESVILLE, GA., June 18, 1877.

Carbolic acid is applied by diluting with water and showering on the plants with a watering pot. The carbolic soap is sometimes used instead, by making a strong soda, and is probably better. Hot water is frequently applied now, to kill bugs. By sprinkling it rapidly, if not excessively hot, no injury results to the plant. Such a remedy is often employed with fine success upon cabbages. Send us a few of the bugs by mail for classifying and naming.

COWTENDERS IN MILK.

Agricultural Editor Constitution: Will you or some of your readers tell me, through the columns of your valuable paper, what to do for a milk that is too thin? He has been so every few days, and frequently has no action for thirty hours. It does not seem to disturb him much, but he eats very little under such circumstances. I feed him on corn, oats, and German millet. He gets no food, or I give him corn, oats, and German millet. He is also troubled at times with gravel, for which I would likewise be pleased to have a remedy.

COWETA, GA., June 17, 1877.

Cause the feed on grain entirely for a while and feed on bran mash, in which give three-quarters of a pound of Glauber's salt at a time. Mix up the mash with hot water and feed warm. Sift him on green food instead of giving dry forage, and let him run on a green pasture some, every day. Feed and water regularly, and return to grain feed gradually. If the complaint is not constitutional, his bowels will soon recover their tone and elasticity under this course of treatment.

SHEEP RAISING IN GEORGIA.

Is Profitable and Incidental.

Agricultural Editor Constitution: Will you give your readers through the columns of your valuable paper, some facts relating to sheep raising in Georgia?

1. What counties are most suitable?

2. What is the best time of the year to commence?

3. How many sheep are required to begin with?

4. What breed of sheep are best?

5. What investment does it pay?

6. How soon may returns be realized?

ATLANTA, GA., June 15, 1877.

These inquiries involve the merits of the whole subject of sheep husbandry in all its branches. A volume might be written thereon without exhausting the subject, but inadequately therefore can we hope to answer the questions in the short space allowed to a newspaper article. We will endeavor, however, to reply succinctly without going into extended argument or illustration.

Sheep husbandry is very profitable everywhere in the state. The lower tier of counties, known as the wire grass region, to-wit: Montgomery, Mitchell, Telford, Dodge, Polk, Thomson, Brooks, Lowndes, Clinch, Worth, Berrien, Wilkes, Coffee, Ware and Pierce are supposed to be better adapted to the raising of sheep on a large scale. In this section they require less feeding and care in winter, having the advantage of natural pastures throughout almost the entire year, and a very temperate climate.

2. The best time to commence would be as the service season for the ewes opens—say the last August. All expense of previous care and attention would thus be obviated.

3. This depends entirely upon circumstances—the amount of capital, the quantity of land, the extent of pasture, and the attention which it is proposed to devote to the business.

4. In southern Georgia the number might be almost unlimited. Five sheep to an acre of pasture on a farm of mixed husbandry, would probably be a safe standard.

5. Spanish merino bucks obtained in Georgia in order to be acclimated, and native ones, the merino is hardy, fat and industrious as a bee. He will get a living and flourish where others of the improved breeds would starve, is about as easy kept as a goat and responds in proportion as his treatment is more generous. Besides, he is a native of a warm climate.

6. The per cent on investment will vary according to circumstances, we should say, from 60 to 100 per cent.

RELIEF FOR THE AFFLICTED.

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